

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 2-2005)		ATTORNEY'S DOCKET NUMBER 470382-3/US01P
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) Not Yet Assigned 10/549434
INTERNATIONAL APPLICATION NO. PCT/EP2004/002677	INTERNATIONAL FILING DATE 15 March 2004 (15.03.2004)	PRIORITY DATE CLAIMED 17 March 2003 (17.03.2003)
TITLE OF INVENTION BREAKING DEVICE FOR SEPARATING CERAMIC PRINTED CIRCUIT BOARDS		
APPLICANT(S) FOR DO/EO/US KONRAD, Josef and KRENDLER, Gerhard		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input checked="" type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. <input checked="" type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). 		
Items 13 to 23 below concern document(s) or information included:		
<ol style="list-style-type: none"> 13. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input type="checkbox"/> A substitute specification. 18. <input type="checkbox"/> A power of attorney and/or change of address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. <input checked="" type="checkbox"/> Express Mail Label No. EV419595775US 23. <input checked="" type="checkbox"/> Other items or information: Postcard, copy of WIPO Publication WO 2004/082911 A1, copy of PCT/IB/308, Application Data Sheet 		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/15/04 34 Not Yet Assigned		INTERNATIONAL APPLICATION NO. PCT/EP2004/002677		ATTORNEY'S DOCKET NUMBER 470382-3/US01P	
The following fees are submitted:				CALCULATIONS	PTO USE
24. <input checked="" type="checkbox"/> Basic national fee		\$300	\$	\$300.00	
25. <input type="checkbox"/> Examination fee					
If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).		\$100	\$	\$0.00	
All other situations.		\$200			
26. <input checked="" type="checkbox"/> Search fee					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority		\$100			
International Search Report prepared and provided to the Office		\$400			
All other situations.		\$500	\$	\$500.00	
TOTAL OF 24, 25 and 26 =			\$	\$800.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE		
35 - 100 =	0 /50 =	0	x \$250.00	\$	\$0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	19 - 20 =	5	x \$50.00	\$	\$250.00
Independent claims	3 - 3 =	0	x \$200.00	\$	\$0.00
MULTIPLE DEPENDENT CLAIMS (if applicable) <input checked="" type="checkbox"/>			\$360.00	\$	\$360.00
TOTAL OF ABOVE CALCULATIONS =				\$	\$1,410.00
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	\$705.00
SUBTOTAL =				\$	\$705.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	\$0.00
TOTAL NATIONAL FEE =				\$	\$705.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$	\$0.00
TOTAL FEES ENCLOSED =				\$	\$705.00
				Amount to be	\$
				Amount to be	\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>705.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-1266</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO: Edward W. BULCHIS, Esq. Dorsey & Whitney LLP 1420 Fifth Avenue, Suite 3400 Seattle, WA 98101</p>					
				SIGNATURE	
				Edward W. BULCHIS	
				NAME	
				26,847	
				REGISTRATION NUMBER	

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) Applicant(s): KONRAD, Joseph and KREDLER, Gerhard, et al.		Docket No. 470382-3/US01P,	
Serial No. 10/349434 Not Yet Assigned	Filing Date 15 September 2005	Examiner -	Group Art Unit -
Invention: BREAKING DEVICE FOR SEPARATING CERAMIC PRINTED CIRCUIT BOARDS			
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> Postcard, Check, Form PTO-1390 Transmittal Ltr to the U.S. designated/Elected Office Concerning a Submission Under 35 U.S.C. 371 (+ copy of page 2), Application Data Sheet, Copy of Intl Request, Copy of English language specification and drawings (35 pages), Copy of WO 2004/082911 A1, Copy of PCT/IB/308, Copy of PCT/IPEA/416 (IPER), Copy of English language Annex to IPER (6 pages, 19 claims) </div> <p style="text-align: center;"><i>(Identify type of correspondence)</i></p> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on</p> <p style="text-align: center;"> <u>15 September 2005</u> <i>(Date)</i> </p> <div style="text-align: right; margin-top: 20px;"> <p>Joyce Valentine-Dotson <i>(Typed or Printed Name of Person Mailing Correspondence)</i></p> <hr style="width: 40%; margin: 5px auto;"/> <p><i>Joyce Valentine-Dotson</i> <i>(Signature of Person Mailing Correspondence)</i></p> <hr style="width: 40%; margin: 5px auto;"/> <p>EV419595775US <i>("Express Mail" Mailing Label Number)</i></p> </div>			
<p style="text-align: center;">Note: Each paper must have its own certificate of mailing.</p> <div style="text-align: right; margin-top: 50px;"> <p style="transform: rotate(-45deg); font-weight: bold; font-size: 1.2em;">RECEIVED</p> <p style="transform: rotate(-45deg); font-weight: bold;">1 9 SEP 2005</p> <p style="transform: rotate(-45deg); font-weight: bold;">Legal Staff International Division</p> </div>			